



**MCI Communications
Corporation**

1801 Pennsylvania Avenue, NW
Washington, DC 20006

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July 16, 1999

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Magalie Roman Salas, Secretary
Federal Communications Commission
445 12th Street, S.W., TW-A325
Washington, D.C. 20554

Re: Ex Parte Submission
Federal-State Joint Board on Universal Service; CC Docket No. 96-45
Forward-Looking Mechanism for High Cost Support for Non-Rural LECs; CC
Docket No. 97-160

Dear Ms. Salas:

On Thursday, July 15, Mike Lieberman and Rich Clarke, representing AT&T, and Mark Bryant and I, representing MCI WorldCom, Inc., met with Bob Loube, Katie King, Bryan Clopton, Gene Fullano, and Kristin MacMahon of the Commission staff. We discussed the attached list of changes to the HAI expense modules, which lists all changes and modifications made to those modules since they were originally filed on December 11, 1997. The changes listed in this document were all implemented in density zone and wire center expense modules that AT&T and MCI WorldCom had filed with the Commission on March 12, 1999. These changes both correct minor "bugs" with the expense module and implement changes requested by the Commission. The enclosed wire center and density zone expense modules reflect these changes plus the implementation of certain developments of expenses that the Commission has used in its June 2 release of the Synthesis Model..

In addition, we provided the enclosed Switching/Interoffice module, which disables the computation that adjusts the end office investment by the difference in the

computed interoffice trunks and the 6:1 line to trunk ratio, as requested by the Commission in paragraph 190 of the May 28, 1999 Further Notice in the above-captioned dockets.

Please associate these items with the above-captioned dockets.

Respectfully submitted,



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cc: Bryan Clopton, Gene Fullano, Katie King, Bob Loube, Kristin MacMahon, Sheryl Todd

Expense module change history since 5.0a – Wire Center

- 1 Added "PerLine" worksheet, permitting entry of per-line expenses for each expense category.
- 2 Added input cells in "Inputs" worksheet for residential and business DEMs per line.
- 3 Added columns to "Investment Input" worksheet to receive average density for each wire center and number of signaling links for each wire center. See #12 below.
- 4 Added calculation of total annual business and residential DEMs in columns CL, CM of "Investment Input" worksheet.
- 5 Corrected effect of erroneous relative reference to Inputs!\$H\$70 previously in column DD of "Investment Input" worksheet.
- 6 Corrected error in calculation of feeder manhole sharing, column DK of "Investment Input" worksheet.
- 7 Modified all formulae in "Investment Input" worksheet that use structure sharing percentages to use new calculated average wire center density in column CE. This implements the correction described in number 5 above.
- 8 Applied structure sharing percent to placement components of feeder conduit (Column DO).
- 9 Changed signaling links unit cost calculation (Investment Input!HI) to use new signaling links input value from SIO module.
- 10 Reversed changes 3, 4, 7, and 9 above (shown in bold italics) to accommodate change 11 without requiring changes to interface. Changed formulae left in red type to facilitate restoring these changes when interface changes are made. These changes reinstated on 11/18/98, using weighted average structure sharing percentages per #12 below.
- 11 Added alternative cable maintenance factors to "96 Actuals" worksheet, separately for fiber and copper, and re-oriented all calculations using cable maintenance factors to the appropriate alternative factor. Note that, by default, both copper and fiber factors are equated to the calculated ARMIS value. User can manually enter an alternative value in any of the six cells in columns H and I to override.
- 12 Modified change #3 above to add six new columns (CE-CJ) on investment inputs worksheet to receive weighted average structure sharing percentages for each structure category.
- 13 Enhanced the module to reflect use of accelerated depreciation (IRS MACRS) for tax purposes and Equal Life Groups (ELG) for regulatory depreciation purposes. Deleted old CCCFactor sheet and replaced it with CGSCurves, IRSDeprec, KCCFactor and KF sheets. Rather than using whole year interpolation to determine capital annual charge factors, the columns CQ to FH and FU to GB in the Investment Inputs sheet now refer to the computed charge factors located in the KF sheet. (Fuller description attached.)
- 14 Corrected operator wages per line to divide by 12 to reflect monthly, rather than annual amount and updated data source to 1996.
- 15 Modified method of allocation of general support costs to non-loop UNEs (Investment Input!GP:GZ) to make the calculation in the wire center and density zone modules consistent. This also required a change to the density zone module.
- 16 Updated all version number references to version 5/FCC.
- 17 Added local tandem costs to USF unit cost calculation (Investment Inputs!HY)
- 18 Investment Inputs!DO, changed formula to apply separate copper and fiber maintenance factors to copper and fiber placement investments, respectively

- 19 Investment Inputs!DC, changed formula to use composite cable maintenance factor for passive SAI investment
- 20 Changed formula at Investment Inputs!FI to use new wire center weighted average structure sharing percentages
- 21 Changed projection life for NID and SAI to a user-adjustable default of 19 years (Inputs!K25). Placed drop into same depreciation life category. Deleted calculations related to lives of "average" metallic cable.
- 22 Corrected treatment of capital carrying cost for land to reflect overall debt/equity percentages (Investment Inputs!DR)
- 23 Classified signaling links (Investment Inputs!DW) and operator trunks (Investment Inputs!FD) to have capital cost annual charge factors equal to the average of the annual charge factors for buried, aerial and underground non-metallic cable.
- 24 Classify MDF/protector, STPs and SCPs as in Account 2212. (Investment Inputs!DT, DV and DX)
- 25 "Levelized Cost of Capital" formulae for underground copper or fiber placement or trenching in Feeder and Distribution sheets incorrectly applied cable depreciation rates. Correct depreciation rate to apply is that for conduit.

Expense module change history since 5.0a – Density Zone

- 1 Added "PerLine" worksheet, permitting entry of per-line expenses for each expense category.
- 2 Corrected "USOA Detail" worksheet cell G16 to apply divisor of 1000 to all terms in the formula
- 3 Added alternative cable maintenance factors to "96 Actuals" worksheet, separately for fiber and copper, and re-oriented all calculations using cable maintenance factors to the appropriate alternative factor. Note that, by default, both copper and fiber factors are equated to the calculated ARMIS value. User can manually enter an alternative value in any of the six cells in columns H and I to override.
- 4 Enhanced the module to reflect use of accelerated depreciation (IRS MACRS) for tax purposes and Equal Life Groups (ELG) for regulatory depreciation purposes. Deleted old CCCFactor sheet and replaced it with CGSCurves, IRSDeprec, KCCFactor and KF sheets. Rather than using whole year interpolation to determine capital annual charge factors, the "Levelized Cost of Capital" lines in UNE sheets to refer to expanded KF array in the KF sheet to determine appropriate annual charge factor. (Fuller description attached.)
- 5 Correction to "Levelized Cost of Capital" formula for land in EO Switching sheet. Formula previously assumed excessive equity fraction of capital. Correct ACF for land is GrUpROR.
- 6 "Levelized Cost of Capital" formulae for underground copper or fiber placement or trenching in Feeder and Distribution sheets incorrectly applied cable depreciation rates. Correct depreciation rate to apply is that for conduit.
- 7 Added new inputs on Inputs!F30:F31 for res and bus DEMs per line, and added calculation of total annual res and bus DEMs in Investment Inputs!CF and CG.
- 8 Corrected operator wages per line to divide by 12 to reflect monthly, rather than annual amount and updated data source to 1996. (Operator!row 26).

- 9 Corrected depreciation factor calculation in "USOA Detail" worksheet (cells K9-K40) to reflect new method of calculating depreciation.
- 10 Modified method of allocation of general support costs to non-loop UNEs (Exp by Service, rows 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210) to make the calculation in the wire center and density zone modules consistent. This also required a change to the wire center module.
- 11 Updated all version number references to version 5/FCC.
- 12 Changed formula to use composite copper cable maintenance factor for passive SAI investment in concentrator worksheet, at rows 20 and 49.
- 13 Changed projection life for NID and SAI to a user-adjustable default of 19 years (Inputs!K25). Placed drop into same depreciation life category. Deleted calculations related to lives of "average" metallic cable.
- 14 Classify MDF/protector as in Account 2212.

Changes in Capital Annual Charge Factor Calculations to Reflect Accelerated Tax Depreciation and ELG Regulatory Depreciation

Because ILECs realize substantial reductions in the present value of their corporate income tax obligations through their use of IRS-permitted accelerated depreciation for tax purposes, and because their current practice is to use Equal Life Group (ELG) depreciation for regulatory purposes, the HAI Model expense modules have been enhanced to incorporate both of these capital recovery features. The introduction of accelerated tax depreciation tends to reduce the levelized capital annual charge factors (CACFs) computed by the module by about 7%. But because of the levelization process and the fact that the current proxy models are static models (i.e., their outputs and capital inputs do not vary over time), the introduction of ELG depreciation has no appreciable effect. Nevertheless, ELG depreciation is incorporated into the HAI expense module in anticipation that it will be useful in the future.

To effect these changes in the expense modules, the Inputs sheet was edited to accept augmented information about the depreciation characteristics to be assumed for each plant category; the old CCCFactor sheet has been deleted and four sheets are added in its place. These are the CGSCurves sheet, IRSDeprec sheet, KCCFactor sheet and KF sheet. In addition, because the KCCF sheet calculates CACFs directly based on the precise value for projection life (rather than through whole year interpolation), edits were made to the Investment Inputs sheet (WC), the USOA sheet (DZ) and the UNE sheets (DZ) to simplify references to the CACFs contained in the KF sheet.

The new process used to calculate CACFs is as follows:

1. Entries for each plant category in the depreciation table of the Inputs sheet now include a code to represent the IRS's permitted MACRS depreciation life classification, a choice of whether the category should be depreciated for regulatory purposes on a square life (SL) or ELG basis, and entries for the c, log g and log s parameters that would be used to specify the "Bell Standard" survival curve associated with that plant category. In addition, there is a switch (Inputs!J38) to indicate whether regulatory depreciation or MACRS should be used for tax purposes. The new defaults are to use MACRS for tax depreciation and ELG for regulatory depreciation.
2. The CGSCurves sheet uses the projection life, and the c, log g and log s parameters to compute the ELG survival curves, annual depreciation and yearly average net investment (ANI) for each of the 23 plant categories. All plant is assumed to be placed at the beginning of its initial year, and calculations are carried forward for 81 years.

The first bank of cells in the CGSCurves sheet collects the projection lives and CGS parameters for each plant category from the Inputs sheet. An "h" factor is then computed to scale the 10-year Bell Standard survival curve given by these CGS parameters to match the plant category's given projection life.

The second bank of cells uses the h-adjusted CGS parameters to compute the fraction of each category's initial investment that survives through to the given year. The equation is:

$$\text{Fraction surviving to year } t = 10^h [h \cdot t \cdot \log s + (c^h \cdot t - 1) \cdot \log g]$$

The third bank of cells computes the fraction of the original investment that is retired each year. For year t, this is just the fraction of plant surviving to year t minus the fraction that survived to year t-1. Each of these fractions is then treated as an ELG of capital.

The fourth bank of cells calculates the fraction of the original plant that depreciates away in each given year. Using the convention that within each ELG, plant depreciates on a straightline basis, total depreciation in year T is as follows:

$$\text{Depreciation in year } T = \sum_{t=1}^{81} [(1/t) \cdot (\text{fraction retired in year } t)]$$

The fifth bank of cells calculated the ANI of each plant category in each year. Because ANI is intended to represent midyear net investment, it is computed as:

$$\text{ANI in year } T = 1 - \sum_{t=1}^T (\text{depreciation in year } t) + \frac{1}{2} \cdot \text{depreciation in year } T$$

3. The IRSDeprec sheet is a new sheet that contains accelerated depreciation schedules that will be used for tax purposes. Because IRS publication 946 does not contain schedules that assume beginning of year plant placement, this sheet approximates such schedules by adapting slightly this publication's schedules for first quarter and first month placement. This was done by using Table A-2 from IRS Pub 946 "3-, 5-, 7-, 10-, 15-, and 20-Year Property Mid-Quarter Convention Placed in Service in First Quarter." Depreciation rates from the last period (which represent a half quarter of depreciation) were added to the first period, and the last period was removed. For 31.5-year property, an adjusted version of Table A-7 was used.
4. The KCCFactor sheet replaces the CCCFactor sheet in computing the CACFs. Instead of computing these factors for each whole year between 1 and 81, it computes the CACF for each plant category based on its precise decimal projection life.

Separate calculations are made for CACFs based on whether the regulatory depreciation is SL or ELG, and whether the tax depreciation is regulatory or MACRS. Cell banks computing CACFs under SL regulatory depreciation perform internally their required depreciation and ANI calculations, cell banks computing CACFs under ELG regulatory depreciation reference depreciation and ANI calculations performed in the CGSCurves sheet.

Cell banks that compute CACFs using MACRS tax depreciation must adjust each year's ANI to reflect the use of deferred tax reserves to normalize the regulatory ANI. This is done by subtracting the accumulated tax benefit from the end-of-year ANI to compute a beginning-of-year ANI for the next period.

$$\text{Accumulated tax benefit in year } T = \text{tax rate} \cdot \sum_{t=1}^T (\text{tax dep in year } t - \text{reg dep in year } t)$$

5. CACFs calculated in the KCCFactor sheet are then transferred to the KF sheet. The operational sheets of the expense module then reference the KF sheet when they require a CACF for computing the leveled cost of a particular type of capital.

If desired, to reduce the size of this expense module, the KF sheet may be range-valued. Then the "KCCFactor," "CGSCurves" and "IRSDeprec" sheets may be deleted from the module.

NOTE: Performing the above deletions will prevent the user from further altering cost of capital parameters.

Account	USOA Category	Economic Lives	Net Salvage Percent	Adjusted Projection Lives (years)	IRS Deprec Category	Regulatory Deprec Method (SL/ELG)	ELG Curve Parameters		
							C	Log A	Log B
2112	Motor Vehicles	8.24	0.1121	0.26	2	ELG	1.1333974	-0.2174551	0.02396884
2115	Garage Work Equipment	12.22	-0.1071	11.04	3	ELG	1.1333974	-0.2174551	0.02396884
2116	Other Work Equipment	13.04	0.0321	13.41	2	ELG	1.1333974	-0.2174551	0.02396884
2121	Buildings	46.93	0.0187	47.82	6	ELG	1.1333974	-0.2174551	0.02396884
2122	Furniture	15.92	0.0588	17.10	3	ELG	1.1333974	-0.2174551	0.02396884
2123.1	Office Support Equipment	10.78	0.0691	11.58	3	ELG	1.1333974	-0.2174551	0.02396884
2123.2	Company Comm Equipment	7.4	0.0376	7.89	2	ELG	1.1333974	-0.2174551	0.02396884
2124	Computers	6.12	0.0373	6.36	2	ELG	1.1333974	-0.2174551	0.02396884
2211	Digital Switching	16.17	0.0297	16.66	2	ELG	1.1333974	-0.2174551	0.02396884
2220	Operator Systems	9.41	-0.0082	9.33	2	ELG	1.1333974	-0.2174551	0.02396884
2232.2	Digital Circuit Equipment	10.24	0.0169	10.07	2	ELG	1.1333974	-0.2174551	0.02396884
2351	Public Telephone	7.6	0.0797	8.26	2	ELG	1.1333974	-0.2174551	0.02396884
2411	NID SAI Drop			15.00	5	ELG	1.1333974	-0.2174551	0.02396884
2411-nm	Poles	30.25	-0.8998	15.92	5	ELG	1.1333974	-0.2174551	0.02396884
2421-nm	Aerial Cable - Metallic	20.61	-0.2303	18.75	5	ELG	1.1333974	-0.2174551	0.02396884
2421-nm	Aerial Cable - Non-Meta	26.14	-0.1753	22.24	5	ELG	1.1333974	-0.2174551	0.02396884
2422-nm	Underground - Metallic	28	-0.1826	21.14	5	ELG	1.1333974	-0.2174551	0.02396884
2422-nm	Underground - Non-Meta	26.45	-0.1458	23.08	5	ELG	1.1333974	-0.2174551	0.02396884
2423-nm	Buried - Metallic	21.52	-0.0839	15.00	5	ELG	1.1333974	-0.2174551	0.02396884
2423-nm	Buried - Non-Metallic	25.91	-0.0858	23.86	5	ELG	1.1333974	-0.2174551	0.02396884
2426-nm	Intrabuilding - Metallic	18.18	-0.1574	16.71	6	ELG	1.1333974	-0.2174551	0.02396884
2426-nm	Intrabuilding - Non-Meta	26.11	-0.1052	23.62	5	ELG	1.1333974	-0.2174551	0.02396884
2441	Conduit Systems	56.19	0.1034	50.47	5	ELG	1.1333974	-0.2174551	0.02396884

Accelerated Tax Depreciation: TRUE

MACRS Life (years)	IRS Deprec Category
3.0	1
5.0	2
7.0	3
10.0	4
15.0	5
20.0	6
31.5	7

Pseudo-IRS Accelerated Depreciation Schedules -- Beginning of Year Placing Convention

Year	Category 1	Category 2	Category 3	Category 4	Category 5	Category 6	Category 7
	3 Year	5 Year	7 Year	10 Year	15 Year	20 Year	31.5 Year
1	0.59870	0.36380	0.26090	0.18320	0.09490	0.07120	0.03175
2	0.27780	0.26000	0.21430	0.16500	0.09130	0.07000	0.03175
3	0.12350	0.15600	0.15310	0.13200	0.08210	0.06482	0.03175
4	-	0.11010	0.10930	0.10560	0.07390	0.05996	0.03175
5	-	0.11010	0.08750	0.08450	0.06650	0.05546	0.03175
6	-	-	0.08740	0.06760	0.05990	0.05130	0.03175
7	-	-	0.08750	0.06550	0.05900	0.04746	0.03175
8	-	-	-	0.06550	0.05910	0.04460	0.03175
9	-	-	-	0.06560	0.05900	0.04460	0.03175
10	-	-	-	0.06550	0.05910	0.04460	0.03175
11	-	-	-	-	0.05900	0.04460	0.03175
12	-	-	-	-	0.05910	0.04460	0.03175
13	-	-	-	-	0.05900	0.04460	0.03175
14	-	-	-	-	0.05910	0.04460	0.03175
15	-	-	-	-	0.05900	0.04460	0.03175
16	-	-	-	-	-	0.04460	0.03175
17	-	-	-	-	-	0.04460	0.03175
18	-	-	-	-	-	0.04460	0.03175
19	-	-	-	-	-	0.04460	0.03175
20	-	-	-	-	-	0.04460	0.03175
21	-	-	-	-	-	-	0.03175
22	-	-	-	-	-	-	0.03175
23	-	-	-	-	-	-	0.03175
24	-	-	-	-	-	-	0.03175
25	-	-	-	-	-	-	0.03175
26	-	-	-	-	-	-	0.03175
27	-	-	-	-	-	-	0.03175
28	-	-	-	-	-	-	0.03175
29	-	-	-	-	-	-	0.03175
30	-	-	-	-	-	-	0.03175
31	-	-	-	-	-	-	0.03175
32	-	-	-	-	-	-	0.01575
33	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-

		CGS Curve Analysis																					
Account	2112	2115	2116	2121	2122	2123	2124	2212	2220	2232	2351	2411	2421-m	2421-nm	2422-m	2422-nm	2423-m	2423-nm	2426-m	2426-nm	2441		
USOA Category		Motor Vehicles	Garage Work Equipment	Other Work Equipment	Buildings	Furniture	Office Support Equipment	Computer Comm Equipment	Computers	Digital Switching	Operator Systems	Digital Circuit Equipment	Public Telephone	NID-SAJ	Poles	Aerial Cable - Metallic	Aerial Cable - Non-Metallic	Underground - Metallic	Underground - Non-Metallic	Buried - Metallic	Intrabuilding - Metallic	Intrabuilding - Non-Metallic	
c	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740	1.13339740		
Lng	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512	-0.21745512		
Ln s	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884	0.02396884		
h	1.07754854	0.90597381	0.74225460	0.20909866	0.58492462	0.86154160	1.30054054	1.57303922	0.60006184	1.07141339	0.99306641	1.21092105	0.52631579	0.62803306	0.59694323	0.44961744	0.47304000	0.43319471	0.50250348	0.41906600	0.63663366	0.42328610	0.19636946
Adj Proj Life	9.28	11.04	13.47	47.82	17.10	11.58	7.69	6.36	16.66	9.33	10.07	8.26	19.00	15.92	16.75	22.24	21.14	23.08	19.90	23.86	15.71	23.62	50.92
Given Yr	Fraction of Original Plant Surviving Through Given Year																						
1	0.98722	0.98990	0.99223	0.99526	0.99425	0.99053	0.98336	0.97805	0.99406	0.98732	0.98857	0.98490	0.99495	0.99371	0.99410	0.99582	0.99550	0.99601	0.99523	0.99616	0.99381	0.99611	0.99837
2	0.98448	0.97285	0.97985	0.99617	0.98568	0.97476	0.95197	0.93415	0.98515	0.96479	0.96873	0.95722	0.98763	0.98416	0.98526	0.99000	0.98830	0.99048	0.98839	0.99069	0.98538	0.99077	0.99644
3	0.93105	0.94838	0.96259	0.99372	0.97414	0.95228	0.90475	0.86680	0.97312	0.93172	0.93990	0.91584	0.97793	0.97118	0.97333	0.98247	0.98113	0.98338	0.97939	0.98414	0.97057	0.98392	0.99420
4	0.88657	0.91619	0.94024	0.99092	0.95952	0.92282	0.84142	0.77649	0.95783	0.88771	0.90172	0.86046	0.96576	0.95461	0.97318	0.97099	0.97463	0.96815	0.97587	0.95360	0.97550	0.99163	
5	0.83110	0.87615	0.91267	0.98774	0.94173	0.88822	0.76280	0.66841	0.93919	0.83283	0.85413	0.79151	0.95105	0.93435	0.93872	0.96202	0.95881	0.96419	0.95460	0.96601	0.93283	0.96547	0.98875
6	0.76525	0.82837	0.87982	0.98419	0.92069	0.84256	0.67105	0.54288	0.91713	0.76766	0.79748	0.70130	0.93373	0.91034	0.91787	0.94901	0.94456	0.95203	0.93869	0.95455	0.98082	0.95380	0.98553
7	0.69032	0.77329	0.84177	0.98026	0.89637	0.79212	0.56983	0.41498	0.89161	0.69346	0.73247	0.81955	0.91377	0.88254	0.89260	0.93410	0.92818	0.93810	0.92038	0.94143	0.87988	0.94045	0.98198
8	0.60827	0.71164	0.79870	0.97594	0.88679	0.73545	0.46416	0.29381	0.86267	0.61213	0.66044	0.52263	0.89115	0.85101	0.86394	0.91726	0.90967	0.92238	0.89965	0.92686	0.84734	0.92539	0.97809
9	0.52177	0.648452	0.75098	0.97123	0.63800	0.67339	0.36002	0.18906	0.83038	0.52628	0.59313	0.42408	0.86590	0.81586	0.83196	0.89848	0.88901	0.90487	0.87650	0.91020	0.81128	0.90862	0.97386
10	0.43401	0.57337	0.69908	0.96912	0.80411	0.60709	0.26380	0.10854	0.79485	0.43898	0.50280	0.32693	0.83806	0.77725	0.79678	0.87777	0.86233	0.88556	0.85097	0.89206	0.77170	0.89014	0.96928
11	0.34853	0.49994	0.64367	0.96081	0.76729	0.53793	0.18035	0.05419	0.75830	0.35375	0.42203	0.24207	0.80771	0.73545	0.75859	0.85516	0.84135	0.86447	0.82312	0.87224	0.72889	0.86994	0.96435
12	0.26883	0.42623	0.58557	0.95470	0.72777	0.46757	0.11392	0.02282	0.71499	0.27403	0.34362	0.16758	0.77497	0.69079	0.71764	0.83067	0.81443	0.84163	0.79303	0.85077	0.68321	0.84807	0.95096
13	0.19802	0.35438	0.52572	0.94837	0.68583	0.39778	0.06551	0.00781	0.67124	0.20290	0.27029	0.10804	0.74000	0.64370	0.67426	0.80436	0.78558	0.81708	0.76083	0.82789	0.83510	0.95341	
14	0.13837	0.28842	0.46520	0.94184	0.6182	0.33042	0.03373	0.02028	0.62544	0.14268	0.20447	0.06412	0.70299	0.59488	0.62883	0.77633	0.75485	0.79088	0.72686	0.80304	0.58511	0.79944	0.94740
15	0.09102	0.22430	0.40515	0.93448	0.59615	0.28725	0.01525	0.00041	0.57808	0.09458	0.14799	0.03456	0.66419	0.54429	0.58181	0.74686	0.72241	0.76311	0.69071	0.77888	0.53383	0.77281	0.94103
16	0.05587	0.16958	0.34675	0.92691	0.54929	0.20984	0.00591	0.00005	0.52965	0.05860	0.10188	0.01665	0.62387	0.49318	0.53370	0.71548	0.68843	0.73388	0.65320	0.74931	0.48195	0.74474	0.93429
17	0.03169	0.13219	0.29114	0.91893	0.50174	0.15940	0.00192	0.00000	0.48074	0.03361	0.06827	0.00704	0.58235	0.44203	0.48506	0.68292	0.65307	0.70329	0.61438	0.72041	0.43018	0.71533	0.92719
18	0.01842	0.08562	0.23938	0.91052	0.45404	0.11671	0.00050	0.00000	0.43194	0.01765	0.04043	0.02526	0.53989	0.39153	0.43485	0.64916	0.61856	0.67149	0.57454	0.69029	0.37926	0.68471	0.91971
19	0.00787	0.05662	0.19231	0.90169	0.40877	0.08202	0.00010	0.00000	0.38387	0.00837	0.02293	0.00078	0.49714	0.34240	0.38856	0.61437	0.57913	0.63861	0.53398	0.65910	0.32993	0.65302	0.91186
20	0.00318	0.03542	0.15084	0.89245	0.36051	0.05506	0.00002	0.00000	0.33715	0.00354	0.00000	0.00019	0.45423	0.29533	0.34102	0.57876	0.54103	0.60464	0.49308	0.62698	0.28289	0.62039	0.90365
21	0.00115	0.02081	0.11477	0.88279	0.31582	0.03513	0.00000	0.00000	0.29238	0.00131	0.00570	0.00004	0.41168	0.25096	0.29715	0.54256	0.50254	0.57037	0.45210	0.54045	0.23878	0.58701	0.89506
22	0.00038	0.01141	0.08481	0.87271	0.27322	0.02117	0.00000	0.00000	0.25010	0.00042	0.0244	0.00001	0.36988	0.20984	0.25479	0.50599	0.46395	0.53539	0.41147	0.56053	0.25503	0.88611	
23	0.00009	0.00578	0.06062	0.85622	0.23231	0.01198	0.00000	0.00000	0.21080	0.00011	0.00093	0.00000	0.32923	0.17241	0.21532	0.46931	0.42557	0.50012	0.37153	0.52680	0.16145	0.51870	0.87679
24	0.00002	0.00268	0.04178	0.85153	0.19620	0.00632	0.00000	0.00000	0.17488	0.00002	0.00031	0.00000	0.29018	0.13901	0.17915	0.43277	0.38769	0.46478	0.33268	0.49244	0.12894	0.48618	0.86711
25	0.00000	0.00013	0.02763	0.84003	0.16251	0.00308	0.00000	0.00000	0.14259	0.00000	0.00009	0.00000	0.25307	0.10981	0.14657	0.39664	0.35062	0.42961	0.29519	0.45827	0.10079	0.44989	0.85707
26	0.00000	0.00043	0.01750	0.82833	0.13236	0.00138	0.00000	0.00000	0.11414	0.00000	0.00002	0.00000	0.21822	0.08484	0.11776	0.36117	0.31485	0.39483	0.25945	0.42429	0.07698	0.41545	0.84686
27	0.00000	0.00014	0.01055	0.81625	0.10588	0.00056	0.00000	0.00000	0.08956	0.00000	0.00000	0.00000	0.18591	0.06400	0.09278	0.32683	0.28007	0.36069	0.22573	0.39072	0.05730	0.38169	0.83591
28	0.00000	0.00004	0.00683	0.80378	0.08307	0.00020	0.00000	0.00000	0.08678	0.00000	0.00000	0.00000	0.15636	0.04705	0.07157	0.29325	0.24713	0.32740	0.19427	0.35776	0.04150	0.34861	0.82480
29	0.00000	0.00001	0.00326	0.79093	0.06382	0.00007	0.00000	0.00000	0.05161	0.00000	0.00000	0.00000	0.12971	0.03363	0.05937	0.26127	0.21608	0.29519	0.16528	0.32562	0.02919	0.31842	0.81335
30	0.00000	0.00000	0.00185	0.7																			

Given Yr

Yr	SL Depr	Fraction of Original Plant Depreciating Away in Given Year																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	1.0000	0.14041	0.12071	0.10125	0.03119	0.08186	0.11573	0.16506	0.19390	0.08375	0.13971	0.13079	0.15527	0.07443	0.08724	0.08338	0.06454	0.06759	0.06239	0.07139	0.06054	0.08831	0.06109	0.02899							
2	0.5000	0.12763	0.11061	0.09348	0.02945	0.07610	0.10626	0.14842	0.17195	0.07782	0.12704	0.11937	0.14024	0.08938	0.08096	0.07747	0.06037	0.06315	0.05840	0.06681	0.05670	0.08192	0.05721	0.02738							
3	0.3333	0.11826	0.10209	0.08729	0.02841	0.07182	0.09837	0.13272	0.15000	0.07336	0.11577	0.10945	0.12636	0.06572	0.07618	0.07305	0.05745	0.06001	0.05564	0.06319	0.05407	0.07704	0.05454	0.02640							
4	0.2500	0.10511	0.09393	0.08154	0.02759	0.06797	0.09085	0.11698	0.12755	0.06935	0.10475	0.09884	0.11257	0.08249	0.07186	0.06907	0.05494	0.05729	0.05327	0.06019	0.05182	0.07281	0.05225	0.02565							
5	0.2000	0.09399	0.08588	0.07595	0.02689	0.06432	0.08352	0.10115	0.10487	0.06553	0.09374	0.09029	0.09872	0.05945	0.06771	0.068528	0.05262	0.05478	0.05108	0.05738	0.04975	0.06837	0.05015	0.02501							
6	0.1667	0.08290	0.07787	0.07044	0.02625	0.06076	0.07620	0.08543	0.08296	0.06180	0.08277	0.08077	0.08493	0.05650	0.06386	0.06159	0.05039	0.05232	0.04900	0.05467	0.04778	0.06422	0.04814	0.02443							
7	0.1429	0.07193	0.06991	0.06498	0.02568	0.05725	0.06892	0.07014	0.06238	0.05812	0.07191	0.07133	0.07141	0.05362	0.05968	0.05795	0.04822	0.04995	0.04697	0.05020	0.04586	0.06011	0.04620	0.02369							
8	0.1250	0.06122	0.06204	0.05952	0.02510	0.05378	0.06172	0.05568	0.04410	0.05448	0.06131	0.06204	0.05844	0.05077	0.05569	0.05434	0.04609	0.04761	0.04498	0.04940	0.04399	0.05604	0.04429	0.02339							
9	0.1111	0.05096	0.05434	0.05414	0.02456	0.05033	0.05463	0.04247	0.02892	0.05085	0.05114	0.05304	0.04832	0.04794	0.05175	0.05075	0.04398	0.04529	0.04301	0.04681	0.04214	0.05200	0.04241	0.02290							
10	0.1000	0.04135	0.04688	0.04884	0.02404	0.04691	0.04774	0.03089	0.01731	0.04727	0.04160	0.04445	0.03537	0.04513	0.04784	0.04720	0.04190	0.04300	0.04107	0.04424	0.04032	0.04799	0.04054	0.02243							
11	0.0909	0.03258	0.03976	0.04365	0.02353	0.04352	0.04111	0.02125	0.00925	0.04372	0.03287	0.03642	0.02588	0.04235	0.04398	0.04368	0.03983	0.04072	0.03914	0.04189	0.03850	0.04403	0.03870	0.02197							
12	0.0833	0.02481	0.03309	0.03861	0.02303	0.04017	0.03482	0.01368	0.00431	0.04022	0.02512	0.02907	0.01796	0.03989	0.04018	0.04021	0.03777	0.03846	0.03722	0.03916	0.03670	0.04014	0.03686	0.02152							
13	0.0769	0.01817	0.02695	0.03377	0.02253	0.03688	0.02698	0.00815	0.00170	0.03877	0.01848	0.02254	0.01175	0.03688	0.03646	0.03680	0.03573	0.03821	0.03532	0.03685	0.03491	0.03633	0.03504	0.02108							
14	0.0714	0.01272	0.02142	0.02917	0.02205	0.03365	0.02359	0.00443	0.00055	0.03341	0.01301	0.01690	0.00717	0.03417	0.03284	0.03346	0.03371	0.03396	0.03443	0.03417	0.03314	0.03263	0.03323	0.02065							
15	0.0667	0.00848	0.01858	0.02484	0.02156	0.03051	0.01878	0.00216	0.00014	0.03014	0.00671	0.01220	0.00404	0.03153	0.02934	0.03022	0.03170	0.03180	0.03156	0.03173	0.03137	0.02908	0.03143	0.02022							
16	0.0625	0.00530	0.01242	0.02084	0.02109	0.02747	0.01458	0.00092	0.00003	0.02898	0.00550	0.00843	0.00207	0.02894	0.02598	0.02708	0.02973	0.02964	0.02971	0.02933	0.02963	0.02584	0.02266	0.01980							
17	0.0588	0.00310	0.00900	0.01719	0.02061	0.02454	0.01098	0.00034	0.00000	0.02395	0.00325	0.00555	0.00095	0.02842	0.02278	0.02408	0.02778	0.02751	0.02788	0.02699	0.02791	0.02240	0.02790	0.01937							
18	0.0556	0.00168	0.00628	0.01392	0.02015	0.02174	0.00801	0.00010	0.00000	0.02107	0.00178	0.00346	0.00038	0.02398	0.01977	0.02121	0.02588	0.02543	0.02608	0.02471	0.02621	0.01936	0.02618	0.01896							
19	0.0526	0.00083	0.00419	0.01104	0.01968	0.01908	0.00564	0.00003	0.00000	0.01836	0.00089	0.00202	0.00013	0.02183	0.01697	0.01852	0.02399	0.02341	0.02249	0.02453	0.01653	0.02447	0.01854								
20	0.0500	0.00037	0.00268	0.00857	0.01921	0.01660	0.00381	0.00001	0.00000	0.01583	0.00041	0.00110	0.00004	0.01937	0.01438	0.01599	0.02216	0.02143	0.02258	0.02036	0.02269	0.01393	0.02281	0.01813							
21	0.0476	0.00015	0.00160	0.00848	0.01875	0.01429	0.00246	0.00000	0.00000	0.01350	0.00016	0.00055	0.00001	0.01723	0.01203	0.01366	0.02038	0.01893	0.02089	0.01831	0.02129	0.01518	0.02117								
22	0.0455	0.00005	0.00091	0.00477	0.01829	0.01216	0.00151	0.00000	0.00000	0.01137	0.00006	0.00205	0.00000	0.01520	0.00991	0.01153	0.01885	0.01770	0.01925	0.01636	0.01972	0.00948	0.01958	0.01731							
23	0.0435	0.00002	0.00448	0.00341	0.01783	0.01023	0.00088	0.00000	0.00000	0.00944	0.00002	0.00010	0.00000	0.01330	0.00805	0.00980	0.01699	0.01594	0.01766	0.01451	0.01820	0.00783	0.01804	0.01690							
24	0.0417	0.00000	0.00023	0.00236	0.01738	0.00849	0.00048	0.00000	0.00000	0.00774	0.00000	0.00004	0.00000	0.01153	0.006842	0.00789	0.01538	0.01427	0.01613	0.01278	0.01672	0.00604	0.01655	0.01650							
25	0.0400	0.00000	0.00010	0.00157	0.01692	0.00694	0.00024	0.00000	0.00000	0.00624	0.00000	0.00001	0.00000	0.00990	0.00503	0.00638	0.01387	0.01270	0.01466	0.01116	0.01530	0.00468	0.01511	0.01609							
26	0.0385	0.00000	0.00004	0.00101	0.01647	0.00560	0.00012	0.00000	0.00000	0.00495	0.00000	0.00000	0.00000	0.00842	0.00386	0.00508	0.01243	0.01121	0.01325	0.00968	0.01393	0.00355	0.01373	0.01569							
27	0.0370	0.00000	0.00002	0.00062	0.01602	0.00444	0.00005	0.00000	0.00000	0.00385	0.00000	0.00000	0.00000	0.00708	0.00290	0.00397	0.01106	0.00983	0.01191	0.00829	0.01262	0.00264	0.01241	0.01529							
28	0.0357	0.00000	0.00001	0.00036	0.01557	0.00346	0.00002	0.00000	0.00000	0.00294	0.00000	0.00000	0.00000	0.00558	0.00213	0.00304	0.00978	0.00855	0.01065	0.00704	0.01138	0.00191	0.01118	0.01469							
29	0.0345	0.00000	0.00000	0.00020	0.01513	0.00264	0.00001	0.00000	0.00000	0.00220	0.00000	0.00000	0.00000	0.00483	0.00152	0.00229	0.00859	0.00737	0.00948	0.00591	0.01020	0.00135	0.00998	0.01450							
30	0.0333	0.00000	0.00000	0.00011	0.01469	0.00198	0.00000	0.00000	0.00000	0.00161	0.00000	0.00000	0.00000	0.00391	0.00106	0.00168	0.00749	0.00630	0.00835	0.00491	0.00909	0.00092	0.00887	0.01410							
31	0.0323	0.00000	0.00000	0.00005	0.01425	0.00145	0.00000	0.00000	0.00000	0.00115	0.00000	0.00000	0.00000	0.00312	0.00071	0.00120	0.00648	0.00533	0.00732	0.00403	0.00806	0.00061	0.00784	0.01371							
32	0.0313	0.00000	0.00000	0.00002	0.01381	0.00104	0.00000	0.00000	0.00000	0.00080	0.00000	0.00000	0.00000	0.00245	0.00047	0.00084	0.00555	0.00447	0.00637	0.00327	0.00709	0.00039	0.00687	0.01332							

Given Yr

1	0.92980	0.93984	0.94937	0.98440	0.95907	0.94213	0.91747	0.90305	0.95812	0.93014	0.93480	0.92236	0.96278	0.95838	0.95832	0.96773	0.96521	0.96580	0.96431	0.96973	0.95584	0.96945	0.98551
2	0.79578	0.82398	0.85201	0.95408	0.88009	0.83114	0.76073	0.72012	0.87734	0.79677	0.80952	0.77461	0.89087	0.87790	0.90528	0.90084	0.90840	0.88951	0.87073	0.91030	0.95733		
3	0.67384	0.71763	0.76162	0.92515	0.80613	0.72862	0.62016	0.55915	0.80175	0.67538	0.69512	0.64131	0.82332	0.79370	0.80265	0.84637	0.83926	0.85139	0.83041	0.85573	0.79125	0.85443	0.93045
4	0.56315	0.61962	0.67721	0.89716	0.73624	0.63419	0.49531	0.42038	0.73039	0.56511	0.59048	0.52184	0.75922	0.71968	0.73159	0.79017	0.78061	0.76993	0.78872	0.80279	0.71642	0.80103	0.90443
5	0.48636	0.52971	0.59847	0.88992	0.87009	0.54699	0.38624	0.30412	0.88529	0.45886	0.49541	0.41820	0.69825	0.64990	0.66442	0.73639	0.72458	0.74475	0.70993	0.75201	0.64592	0.74983	0.87910
6	0.37515	0.44783	0.52527	0.84335	0.80755	0.46713	0.29295	0.21015	0.59929	0.37780	0.40988	0.32437	0.84027	0.58421	0.80098	0.68489	0.67104	0.69471	0.65390	0.70324	0.57963	0.70069	0.85438
7	0.29774	0.37394	0.45756	0.81739	0.58454	0.39457	0.21517	0.13749	0.53932	0.30027	0.33383	0.24620	0.58521	0.52255	0.54121	0.63556	0.61991	0.64673	0.60056	0.65642	0.51746	0.65352	0.83022
8	0.23116	0.30796	0.39533	0.79201	0.49303	0.32925	0.15227	0.08426	0.48302	0.23366	0.26715	0.18127	0.53302	0.48488	0.48507	0.58843	0.57113	0.60078	0.54985	0.61150	0.45939	0.80827	0.80657
9	0.17507	0.24977	0.33850	0.76718	0.44097	0.27108	0.10320	0.04775	0.43035	0.17744	0.20961	0.12889	0.45367	0.41115	0.43253	0.54539	0.52468	0.55876	0.50174	0.56843	0.40537	0.56493	0.78343
10	0.12691	0.19916	0.28701	0.74288	0.39235	0.21969	0.08651	0.02464	0.38128	0.13107	0.16088	0.08804	0.43713	0.36137	0.38355	0.50045	0.48054	0.51472	0.45621	0.52720	0.35538	0.52345	0.78076
11	0.09195	0.15584	0.24077	0.71910	0.34714	0.17547	0.04044	0.01135	0.33579	0.09383	0.12043	0.05743	0.39339	0.31545	0.33811	0.45959	0.43868	0.47461	0.41325	0.48779	0.30937	0.48383	0.73856
12	0.06325	0.11941	0.19964	0.68562	0.30529	0.13751	0.02297	0.00457	0.29382	0.06844	0.08769	0.03552	0.35242	0.27337	0.29618	0.42079	0.39909	0.43844	0.37282	0.45019	0.28728	0.44605	0.71681
13	0.04177	0.08940	0.16345	0.87304	0.29678	0.10582	0.02105	0.00158	0.25553	0.04303	0.06188	0.02066	0.31419	0.23505	0.25786	0.38404	0.38175	0.40017	0.33492	0.41438	0.22904	0.41010	0.69551
14	0.02633	0.06521	0.13198	0.85075	0.23150	0.07935	0.00577	0.00044	0.22024	0.02729	0.04218	0.01120	0.27888	0.20041	0.22253	0.34932	0.32865	0.36579	0.29951	0.38036	0.19458	0.37597	0.67464
15	0.01574	0.04622	0.10497	0.82895	0.19941	0.05817	0.00248	0.00010	0.18845	0.01643	0.02761	0.00559	0.24583	0.16932	0.19069	0.31881	0.29375	0.33330	0.28656	0.34810	0.16371	0.34364	0.65421
16	0.00886	0.03173	0.08621	0.60782	0.17042	0.04150	0.00094	0.00002	0.15991	0.09393	0.01730	0.00254	0.21559	0.14167	0.16204	0.28590	0.26304	0.30267	0.23803	0.31760	0.13636	0.31309	0.63420
17	0.00468	0.02102	0.06312	0.58677	0.14442	0.02873	0.00031	0.00000	0.13444	0.00495	0.01031	0.00104	0.18791	0.11729	0.13648	0.25714	0.23446	0.27388	0.20786	0.26883	0.11234	0.28431	0.61461
18	0.00227	0.01338	0.04756	0.56639	0.12128	0.01923	0.00008	0.00000	0.11193	0.02244	0.00581	0.00037	0.16271	0.09801	0.11381	0.23032	0.20799	0.24690	0.18202	0.26177	0.09146	0.25727	0.59545
19	0.00101	0.00814	0.03508	0.56468	0.10087	0.01241	0.00002	0.00000	0.09221	0.00110	0.00307	0.00012	0.13980	0.07784	0.09385	0.20540	0.18357	0.22170	0.15842	0.23840	0.07352	0.23194	0.57670

20	0.00041	0.00472	0.02528	0.52703	0.08302	0.00768	0.00000	0.00000	0.07511	0.00045	0.00151	0.00003	0.11941	0.06197	0.07669	0.18233	0.16115	0.19826	0.13699	0.21269	0.05829	0.20831	0.55836	
21	0.00015	0.00259	0.01775	0.50805	0.06758	0.00455	0.00000	0.00000	0.06045	0.00016	0.00069	0.00001	0.10111	0.04878	0.06187	0.16106	0.14067	0.17652	0.11765	0.19060	0.04554	0.18832	0.50444	
22	0.00005	0.00133	0.02123	0.48953	0.05435	0.00256	0.00000	0.00000	0.04801	0.00005	0.00028	0.00000	0.08490	0.03779	0.04927	0.14155	0.12205	0.15644	0.10032	0.17009	0.03501	0.16594	0.52293	
23	0.00001	0.00064	0.00803	0.47147	0.04316	0.00138	0.00000	0.00000	0.03761	0.00001	0.00011	0.00000	0.07065	0.02881	0.03870	0.12373	0.10523	0.13799	0.08488	0.15114	0.02645	0.14712	0.50582	
24	0.00000	0.00029	0.00515	0.45386	0.03380	0.00068	0.00000	0.00000	0.02902	0.00000	0.00004	0.00000	0.05823	0.02158	0.02998	0.10754	0.09012	0.12109	0.07123	0.13368	0.01962	0.12983	0.48912	
25	0.00000	0.00012	0.00318	0.43671	0.02693	0.00032	0.00000	0.00000	0.02203	0.00000	0.00001	0.00000	0.04751	0.01585	0.02282	0.09290	0.07684	0.10570	0.05926	0.11767	0.01426	0.11400	0.47283	
26	0.00000	0.00004	0.00189	0.42001	0.01982	0.00014	0.00000	0.00000	0.01644	0.00000	0.00000	0.00000	0.03835	0.01141	0.01710	0.07975	0.06488	0.09175	0.04885	0.10306	0.01015	0.09958	0.45694	
27	0.00000	0.00001	0.00107	0.40377	0.01480	0.00005	0.00000	0.00000	0.01204	0.00000	0.00000	0.00000	0.03060	0.00803	0.01257	0.06801	0.05418	0.07916	0.03988	0.08976	0.00705	0.08651	0.44144	
28	0.00000	0.00000	0.00058	0.38797	0.01086	0.00002	0.00000	0.00000	0.00884	0.00000	0.00000	0.00000	0.02412	0.00552	0.00907	0.05759	0.04497	0.06783	0.03222	0.07778	0.00478	0.07472	0.42635	
29	0.00000	0.00000	0.00030	0.37262	0.00781	0.00001	0.00000	0.00000	0.00807	0.00000	0.00000	0.00000	0.01876	0.00370	0.00640	0.04840	0.03701	0.05783	0.02574	0.06699	0.00315	0.06415	0.41168	
30	0.00000	0.00000	0.00014	0.35771	0.00550	0.00000	0.00000	0.00000	0.00417	0.00000	0.00000	0.00000	0.01440	0.00241	0.00442	0.04036	0.03018	0.04893	0.02033	0.05734	0.00201	0.05472	0.39736	
31	0.00000	0.00000	0.00007	0.34325	0.00379	0.00000	0.00000	0.00000	0.00279	0.00000	0.00000	0.00000	0.01088	0.00152	0.00287	0.03338	0.02438	0.04110	0.01588	0.04877	0.00125	0.04837	0.38345	
32	0.00000	0.00000	0.00003	0.32922	0.00255	0.00000	0.00000	0.00000	0.0182	0.00000	0.00000	0.00000	0.00810	0.00093	0.00195	0.02736	0.01948	0.03425	0.01220	0.04119	0.00075	0.03902	0.36994	
33	0.00000	0.00000	0.00001	0.31563	0.00167	0.00000	0.00000	0.00000	0.01115	0.00000	0.00000	0.00000	0.00592	0.00055	0.00124	0.02222	0.01537	0.02832	0.00926	0.03454	0.00043	0.03258	0.35882	
34	0.00000	0.00000	0.00000	0.30247	0.00106	0.00000	0.00000	0.00000	0.0071	0.00000	0.00000	0.00000	0.00426	0.00031	0.00077	0.01788	0.01200	0.02322	0.00693	0.02875	0.00024	0.02700	0.34408	
35	0.00000	0.00000	0.00000	0.28975	0.00086	0.00000	0.00000	0.00000	0.00402	0.00000	0.00000	0.00000	0.00300	0.00017	0.00048	0.01423	0.00925	0.01887	0.00510	0.02374	0.00013	0.02219	0.31731	
36	0.00000	0.00000	0.00000	0.27745	0.00039	0.00000	0.00000	0.00000	0.0024	0.00000	0.00000	0.00000	0.00207	0.00009	0.00027	0.01121	0.00704	0.01518	0.00369	0.01944	0.00006	0.01808	0.31976	
37	0.00000	0.00000	0.00000	0.26557	0.00023	0.00000	0.00000	0.00000	0.0013	0.00000	0.00000	0.00000	0.00140	0.00004	0.00015	0.00873	0.00528	0.01210	0.00262	0.01578	0.00003	0.01460	0.30817	
38	0.00000	0.00000	0.00000	0.25411	0.00013	0.00000	0.00000	0.00000	0.00007	0.00000	0.00000	0.00000	0.00092	0.00002	0.00008	0.00671	0.00390	0.00954	0.00183	0.02170	0.00001	0.01188	0.29696	
39	0.00000	0.00000	0.00000	0.24306	0.00007	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00000	0.00080	0.00001	0.00004	0.00510	0.00284	0.00744	0.00125	0.01011	0.00001	0.00924	0.28612	
40	0.00000	0.00000	0.00000	0.23243	0.00003	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00037	0.00000	0.00002	0.00582	0.00203	0.00574	0.00083	0.00797	0.00000	0.00724	0.27565	
41	0.00000	0.00000	0.00000	0.22220	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00023	0.00000	0.00001	0.00282	0.00143	0.00437	0.00055	0.00622	0.00000	0.00581	0.26555	
42	0.00000	0.00000	0.00000	0.21237	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00013	0.00000	0.00000	0.00205	0.00098	0.00328	0.00035	0.00480	0.00000	0.00429	0.25582	
43	0.00000	0.00000	0.00000	0.20294	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.00147	0.00067	0.00244	0.00022	0.00386	0.00000	0.00325	0.24644	
44	0.00000	0.00000	0.00000	0.19389	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00103	0.00044	0.00178	0.00013	0.00275	0.00000	0.00242	0.23742	
45	0.00000	0.00000	0.00000	0.18524	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00071	0.00029	0.00128	0.00008	0.00204	0.00000	0.00178	0.22875	
46	0.00000	0.00000	0.00000	0.17696	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00048	0.00018	0.00091	0.00004	0.00150	0.00000	0.00129	0.22043	
47	0.00000	0.00000	0.00000	0.16905	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00032	0.00011	0.00063	0.00002	0.00108	0.00000	0.00092	0.21246	
48	0.00000	0.00000	0.00000	0.16150	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00021	0.00007	0.00043	0.00001	0.00077	0.00000	0.00095	0.20482	
49	0.00000	0.00000	0.00000	0.15432	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00013	0.00004	0.00020	0.00001	0.00054	0.00000	0.00045	0.19751	
50	0.00000	0.00000	0.00000	0.14749	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00002	0.00019	0.00000	0.00037	0.00000	0.00031	0.19053	
51	0.00000	0.00000	0.00000	0.14100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00001	0.00012	0.00000	0.00025	0.00000	0.00020	0.18387	
52	0.00000	0.00000	0.00000	0.13485	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00001	0.00008	0.00000	0.00017	0.00000	0.00013	0.17753	
53	0.00000	0.00000	0.00000	0.12903	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00005	0.00000	0.00011	0.00000	0.00008	0.17156	
54	0.00000	0.00000	0.00000	0.12353	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00003	0.00000	0.00007	0.00000	0.00005	0.16578	
55	0.00000	0.00000	0.00000	0.11834	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00002	0.00000	0.00004	0.00000	0.00003	0.18038	
56	0.00000	0.00000	0.00000	0.11348	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00003	0.00000	0.00002	0.15523	
57	0.00000	0.00000	0.00000	0.10887	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00001	0.00000	0.00001	0.15038
58	0.00000	0.00000	0.00000	0.10458	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00001	0.14582
59	0.00000	0.00000	0.00000	0.10056	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.14152
60	0.00000	0.00000	0.00000	0.09681	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.13750
61	0.00000	0.00000	0.00000	0.09333	0.0																			

Account	2112	2115	2116	2121	2122	2123	2123	2124	2212	2220	2232	2351	2411	2421-m	2421-nm	2422-m	2422-nm	2423-m	2423-nm	2426-m	2426-nm	2441		
USOA Category							Company Equipment	Comm Equipment	Digital Switching	Operator Systems	Digital Circuit Equipment	Public Telephone	NID, SAI	Poles	Aerial Cable - Metallic	Aerial Cable - Non-Metallic	Underground - Metallic	Underground - Non-Metallic	Buried - Metallic	Buried - Non-Metallic	Intrabuilding - Metallic	Intrabuilding - Non-Metallic	Condu System	
	Motor Vehicles	Garage Work Equipment	Other Work Equipment	Buildings	Furniture	Office Support Equipment	Computers																	
Adj Proj Life	9.28	11.04	13.47	47.82	17.10	11.58	7.69	6.36	16.66	9.33	10.07	8.26	19.00	15.92	16.75	22.24	21.14	23.08	19.90	23.86	15.71	23.62	50.9	
IRS Dep Cat	2	3	2	6	3	3	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	
SL Dep Rate	0.1078	0.0906	0.0742	0.0209	0.0585	0.0864	0.1301	0.1573	0.0600	0.1071	0.0993	0.1211	0.0526	0.0628	0.0597	0.0450	0.0473	0.0433	0.0503	0.0419	0.0637	0.0423	0.0190	
Last Yr SL Dep	0.0302	0.0034	0.0351	0.0172	0.0056	0.0501	0.0896	0.0562	0.0399	0.0357	0.0069	0.0313	0.0000	0.0580	0.0449	0.0108	0.0066	0.0037	0.0452	0.0361	0.0450	0.0264	0.0181	
KCCF-SL/SL	0.18966	0.17436	0.16056	0.13387	0.14851	0.17071	0.21026	0.23610	0.14959	0.18911	0.18204	0.20190	0.14451	0.15164	0.14937	0.13989	0.14122	0.13902	0.14299	0.13830	0.15229	0.13851	0.13411	
KCCF-SL/DT	0.17221	0.15963	0.13861	0.11868	0.12785	0.15525	0.19539	0.22414	0.12527	0.17158	0.16357	0.18602	0.13743	0.14783	0.14457	0.13018	0.13233	0.12872	0.13512	0.12749	0.14873	0.12785	0.11360	
KCCF-ELG/ELG	0.18962	0.17400	0.15982	0.13211	0.14737	0.17024	0.21060	0.23686	0.14849	0.18905	0.18185	0.20210	0.14321	0.15062	0.14826	0.13836	0.13976	0.13744	0.14162	0.13668	0.15128	0.13690	0.13255	
KCCF-ELG/DT	0.17139	0.15901	0.13774	0.11838	0.12714	0.15463	0.19459	0.22339	0.12438	0.17076	0.16273	0.18522	0.13741	0.14789	0.14461	0.13009	0.13226	0.12861	0.13508	0.12737	0.14881	0.12774	0.11300	
COE	11.90%	EquityF	55.00%	WACC	10.01%	Tax	39.25%	Disct	14.24%	GrUpROR	10.01%	TaxGrUp	42.24%											
COD	7.70%	EquityP	65.38%																					
Reg: SL / IRS: SL																								
KCCFact	0.18966	0.17436	0.16056	0.13387	0.14851	0.17071	0.21026	0.23610	0.14959	0.18911	0.18204	0.20190	0.14451	0.15164	0.14937	0.13989	0.14122	0.13902	0.14299	0.13830	0.15229	0.13851	0.13411	
NPV-EoP	1.11049	1.13157	1.15776	1.32040	1.19047	1.13783	1.08937	1.07013	1.18694	1.11118	1.12016	1.09712	1.20526	1.18056	1.18766	1.22730	1.22023	1.23244	1.21177	1.23701	1.17871	1.23564	1.32636	
NPV-BoP	1.22165	1.24483	1.27365	1.45258	1.30964	1.25173	1.19842	1.17725	1.30576	1.22241	1.23229	1.20694	1.32591	1.29873	1.30654	1.35016	1.34237	1.35581	1.3307	1.36083	1.29670	1.35933	1.45913	
Pmt-EoP	0.19870	0.18267	0.16822	0.14025	0.15558	0.17885	0.22029	0.24736	0.15672	0.19812	0.19071	0.21153	0.15140	0.15887	0.15649	0.14656	0.14795	0.14564	0.14981	0.14489	0.15955	0.14512	0.14050	
Pmt-BoP	0.18062	0.16605	0.15291	0.12749	0.14143	0.16257	0.20024	0.22485	0.14246	0.18009	0.17336	0.19228	0.13762	0.14441	0.14225	0.13323	0.13449	0.13239	0.13618	0.13171	0.14503	0.13191	0.12772	
Year																								
1	0.24247	0.22653	0.21133	0.16181	0.19671	0.22259	0.26318	0.28849	0.19812	0.24190	0.23462	0.25486	0.19127	0.20072	0.19783	0.18415	0.18632	0.18262	0.18906	0.18131	0.20152	0.18170	0.16063	
2	0.22713	0.21363	0.20076	0.15883	0.18839	0.21030	0.24466	0.26609	0.18958	0.22664	0.22048	0.23762	0.18378	0.19178	0.18933	0.17775	0.17959	0.17645	0.18190	0.17534	0.19245	0.17567	0.15783	
3	0.21178	0.20073	0.19019	0.15585	0.18006	0.19800	0.22615	0.24370	0.18103	0.21139	0.20634	0.22037	0.17628	0.18283	0.18083	0.17134	0.17285	0.17029	0.17475	0.16938	0.18339	0.16965	0.15503	
4	0.19644	0.18783	0.17962	0.15288	0.17173	0.18571	0.20763	0.22130	0.17249	0.19613	0.19220	0.20313	0.16879	0.17389	0.17233	0.16494	0.16612	0.16759	0.16341	0.17432	0.16362	0.15224		
5	0.18110	0.17493	0.16905	0.14990	0.16340	0.17341	0.18911	0.19890	0.16394	0.18088	0.17806	0.18589	0.16130	0.16495	0.16383	0.15854	0.15938	0.16044	0.15744	0.16526	0.15759	0.14944		
6	0.16576	0.16203	0.15848	0.14692	0.15507	0.16111	0.17059	0.17650	0.15540	0.16562	0.16392	0.16865	0.15380	0.15601	0.15533	0.15214	0.15265	0.15178	0.15328	0.15148	0.14665	0.15157		
7	0.15041	0.14913	0.14792	0.14394	0.14674	0.14882	0.15207	0.06018	0.14686	0.15037	0.14978	0.15141	0.14631	0.14706	0.14683	0.14574	0.14591	0.14561	0.14613	0.14551	0.14454	0.14385		
8	0.13507	0.13624	0.13735	0.14097	0.13842	0.13652	0.09600	-	0.13831	0.13511	0.13564	0.13416	0.13881	0.13812	0.13833	0.13933	0.13917	0.13945	0.13897	0.13954	0.13806	0.13951		
9	0.11973	0.12334	0.12678	0.13799	0.13009	0.12423	-	-	0.12977	0.11986	0.12150	0.03349	0.13132	0.12918	0.12983	0.13293	0.13244	0.13328	0.13182	0.13357	0.12900	0.13349	0.13826	
10	0.03236	0.11044	0.11621	0.13501	0.12176	0.11193	-	-	0.12122	0.03827	0.10736	-	0.12382	0.12024	0.12133	0.12653	0.12570	0.12711	0.12466	0.12761	0.11993	0.12746	0.13546	
11	-	0.09754	0.10564	0.13203	0.11343	0.09964	-	-	0.11268	-	0.00743	-	0.11633	0.11130	0.11283	0.12013	0.11897	0.12094	0.11751	0.12164	0.11087	0.12143	0.13267	
12	-	0.00367	0.09507	0.12906	0.10510	0.05367	-	-	0.10414	-	-	-	0.10884	0.10235	0.10433	0.11373	0.11223	0.11477	0.11035	0.11567	0.10180	0.11540	0.12987	
13	-	-	0.08450	0.12608	0.09677	-	-	-	0.09559	-	-	-	0.10134	0.09341	0.09584	0.10732	0.10550	0.10860	0.10320	0.10971	0.09274	0.10938	0.12707	
14	-	-	0.03757	0.12310	0.08844	-	-	-	0.08705	-	-	-	0.09385	0.08447	0.08734	0.10092	0.09876	0.10244	0.09604	0.10374	0.08368	0.10335	0.12428	
15	-	-	-	0.12013	0.08012	-	-	-	0.07850	-	-	-	0.08635	0.07553	0.07884	0.09452	0.09203	0.09627	0.08889	0.09779	0.07461	0.09732	0.12148	
16	-	-	-	0.11715	0.07179	-	-	-	0.06996	-	-	-	0.07886	0.06208	0.07034	0.08812	0.08529	0.09010	0.08173	0.09181	0.04826	0.09130	0.11868	
17	-	-	-	0.11417	0.06346	-	-	-	0.04274	-	-	-	0.07137	-	0.04809	0.08172	0.07856	0.08393	0.07458	0.08584	-	0.08527	0.11589	
18	-	-	-	0.11119	0.06063	-	-	-	-	-	-	0.06387	-	-	0.07531	0.07182	0.07776	0.06742	0.07987	-	0.07924	0.11309	-	
19	-	-	-	0.10822	-	-	-	-	-	-	-	0.05638	-	-	0.06891	0.06508	0.07160	0.06027	0.07390	-	0.07322	0.11030	-	
20	-	-	-	0.10524	-	-	-	-	-	-	-	-	-	-	0.06251	0.05835	0.06543	0.04846	0.06794	-	0.06719	0.10750	-	
21	-	-	-	0.10226	-	-	-	-	-	-	-	-	-	-	0.05611	0.05161	0.05926	-	0.06197	-	0.06116	0.10470	-	
22	-	-	-	0.09928	-	-	-	-	-	-	-	-	-	-	0.04971	0.00709	0.05309	-	0.05600	-	0.05513	0.10191	-	
23	-	-	-	0.09631	-	-	-	-	-	-	-	-	-	-	0.01161	-	0.04692	-	0.05004	-	0.04911	0.09911	-	
24	-	-	-	0.09333	-	-	-	-	-	-	-	-	-	-	-	-	0.00391	-	0.03872	-	0.02832	0.09632	-	
25	-	-	-	0.09035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09352	-	
26	-	-	-	0.08738	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09072	-	
27	-	-	-	0.08440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08793	-	
28	-	-	-	0.08142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08513	-	
29	-	-	-	0.07844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08234	-	
30	-	-	-	0.07547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07954	-	
31	-	-	-	0.07249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07674	-	
32	-	-	-	0.06951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07395	-	
33	-	-	-	0.06653	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07115	-	
34	-	-	-	0.06356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06836	-	
35	-	-																						

Reg: SL / IRS: MACRS

	KCCFact	0.17221	0.15963	0.13861	0.11868	0.12785	0.15525	0.19539	0.22414	0.12527	0.17158	0.16357	0.18602	0.13743	0.14783	0.14457	0.13018	0.13233	0.12872	0.13512	0.12749	0.14873	0.12785	0.11360	
	NPV-EoP	0.10083	0.13595	0.09946	1.17058	1.02490	1.03478	1.01229	1.01590	0.99398	1.00820	1.00651	1.01084	1.14623	1.15087	1.14953	1.14210	1.14342	1.14113	1.14501	1.14027	1.15121	1.14053	1.12351	
	NPV-BoP	1.10926	1.13965	1.09951	1.28775	1.12750	1.13836	1.11362	1.11759	1.09348	1.10912	1.10727	1.11202	1.26097	1.26607	1.26460	1.25642	1.25788	1.25536	1.25962	1.25442	1.26645	1.25470	1.23597	
	Pmt-EoP	0.18042	0.16723	0.14522	0.12434	0.13395	0.16265	0.20470	0.23482	0.13125	0.17976	0.17137	0.19489	0.14398	0.15487	0.15146	0.13639	0.13864	0.13485	0.14156	0.13356	0.15582	0.13395	0.11902	
	Pmt-BoP	0.16400	0.15202	0.13200	0.11302	0.12176	0.14785	0.18607	0.21346	0.11930	0.16340	0.15577	0.17716	0.13088	0.14078	0.13768	0.12398	0.12602	0.12258	0.12868	0.12141	0.14165	0.12176	0.10819	
Year																									
1		0.23532	0.22178	0.20324	0.16040	0.19106	0.21772	0.25665	0.28272	0.18963	0.23473	0.22723	0.24808	0.19009	0.19982	0.19685	0.18275	0.18499	0.18118	0.18781	0.17983	0.20064	0.18023	0.15852	
2		0.20856	0.20066	0.17938	0.15465	0.17272	0.19697	0.22797	0.25168	0.16701	0.20803	0.20121	0.22017	0.18033	0.18919	0.18648	0.17366	0.17570	0.17223	0.17862	0.17100	0.18993	0.17137	0.15162	
3		0.18762	0.18256	0.16134	0.14907	0.15739	0.17923	0.20510	0.22645	0.15020	0.18714	0.18100	0.19807	0.17094	0.17891	0.17647	0.16493	0.16676	0.16364	0.16907	0.16253	0.17958	0.16286	0.14508	
4		0.17086	0.16739	0.14748	0.14378	0.14500	0.16443	0.18641	0.20541	0.13757	0.17043	0.16497	0.18016	0.16202	0.16912	0.16695	0.15668	0.15831	0.15553	0.16036	0.15455	0.16972	0.15484	0.13902	
5		0.15539	0.15405	0.13491	0.13874	0.13444	0.15146	0.16901	0.18565	0.12623	0.15501	0.15023	0.16353	0.15355	0.15976	0.15786	0.14886	0.15029	0.14786	0.15209	0.14700	0.16029	0.14726	0.13340	
6		0.14299	0.14133	0.12541	0.13395	0.12450	0.13910	0.15468	0.16897	0.11796	0.14267	0.13856	0.14998	0.14546	0.15080	0.14917	0.14144	0.14267	0.14058	0.14422	0.13984	0.15125	0.14006	0.12817	
7		0.13367	0.12860	0.11899	0.12938	0.11455	0.12675	0.14343	0.05861	0.11277	0.13400	0.12997	0.13951	0.13759	0.14204	0.14068	0.13423	0.13526	0.13351	0.13655	0.13289	0.14242	0.13308	0.12315	
8		0.12435	0.11832	0.11257	0.12500	0.10705	0.11683	0.09350	-	0.10758	0.12413	0.12138	0.12903	0.12974	0.13331	0.13222	0.12704	0.12786	0.12647	0.12890	0.12597	0.13361	0.12612	0.11815	
9		0.11503	0.11049	0.10615	0.12070	0.10199	0.10936	-	-	0.10239	0.11487	0.11279	0.03262	0.12188	0.12458	0.12375	0.11985	0.12047	0.11942	0.12125	0.11904	0.12480	0.11916	0.11315	
10		0.03151	0.10265	0.09973	0.11640	0.09693	0.10189	-	-	0.09720	0.03727	0.10420	-	0.11403	0.11584	0.11529	0.11266	0.11308	0.11237	0.11361	0.11212	0.11600	0.11219	0.10815	
11		-	0.09481	0.09331	0.11210	0.09187	0.09442	-	-	0.09201	-	0.00723	-	0.10618	0.10711	0.10683	0.10547	0.10569	0.10532	0.10596	0.10519	0.10719	0.10523	0.10315	
12		-	0.00358	0.08689	0.10780	0.08681	0.05227	-	-	0.08681	-	-	-	0.09833	0.09838	0.09836	0.09828	0.09830	0.09827	0.09838	0.09827	0.09827	0.09815		
13		-	-	0.08047	0.10350	0.08175	-	-	0.08162	-	-	-	0.09047	0.08965	0.08990	0.09110	0.09091	0.09123	0.09067	0.09134	0.08958	0.09131	0.09315		
14		-	-	0.03659	0.09919	0.07669	-	-	0.07643	-	-	-	0.08262	0.08091	0.08144	0.08391	0.08351	0.08418	0.08032	0.08442	0.08077	0.08435	0.08815		
15		-	-	-	0.09489	0.07163	-	-	0.07124	-	-	-	0.07477	0.07218	0.07297	0.07672	0.07612	0.07713	0.07537	0.07749	0.07196	0.07739	0.08316		
16		-	-	-	0.09059	0.06657	-	-	0.06605	-	-	-	0.06857	0.06046	0.06616	0.07118	0.07038	0.07174	0.06938	0.07222	0.04700	0.07208	0.07981		

17	-	-	-	0.08629	0.06151	-	-	0.04163	-	-	0.06401	-	0.04683	0.06729	0.06629	0.06799	0.06503	0.06860	-	0.06842	0.07811
18	-	-	-	0.08199	0.00587	-	-	-	-	-	0.05946	-	-	0.06340	0.06220	0.06424	0.06068	0.06497	-	0.06475	0.07641
19	-	-	-	0.07769	-	-	-	-	-	-	0.05491	-	-	0.05951	0.05811	0.06050	0.05634	0.06135	-	0.06109	0.07471
20	-	-	-	0.07339	-	-	-	-	-	-	-	-	-	0.05562	0.05401	0.05675	0.04720	0.05772	-	0.05743	0.07301
21	-	-	-	0.07033	-	-	-	-	-	-	-	-	-	0.05173	0.04992	0.05300	-	0.05410	-	0.05377	0.07132
22	-	-	-	0.06852	-	-	-	-	-	-	-	-	-	0.04784	0.00690	0.04926	-	0.05047	-	0.05011	0.06962
23	-	-	-	0.06671	-	-	-	-	-	-	-	-	-	0.01131	-	0.04551	-	0.04685	-	0.04645	0.06792
24	-	-	-	0.06491	-	-	-	-	-	-	-	-	-	-	-	0.00381	-	0.03771	-	0.02759	0.06622
25	-	-	-	0.06310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06452
26	-	-	-	0.06129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06282
27	-	-	-	0.05948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06112
28	-	-	-	0.05767	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05943
29	-	-	-	0.05586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05773
30	-	-	-	0.05405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05603
31	-	-	-	0.05224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05433
32	-	-	-	0.05044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05263
33	-	-	-	0.04863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05093
34	-	-	-	0.04682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04923
35	-	-	-	0.04501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04754
36	-	-	-	0.04320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04584
37	-	-	-	0.04139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04414
38	-	-	-	0.03958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04244
39	-	-	-	0.03777	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04074
40	-	-	-	0.03597	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03904
41	-	-	-	0.03416	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03734
42	-	-	-	0.03235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03565
43	-	-	-	0.03054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03395
44	-	-	-	0.02873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03225
45	-	-	-	0.02692	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03055
46	-	-	-	0.02511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02885
47	-	-	-	0.02331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02715
48	-	-	-	0.01798	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02545
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02376
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02206
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01894
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Reg: ELG / IRS: ELG

KCCFact	0.18962	0.17400	0.15982	0.13211	0.14737	0.17024	0.21060	0.23686	0.14849	0.18905	0.18185	0.20210	0.14321	0.15062	0.14826	0.13836	0.13976	0.13744	0.14162	0.13668	0.15128	0.13690	0.13255	
NPV-EoP	1.11024	1.12923	1.15239	1.30308	1.18136	1.13469	1.09114	1.07355	1.17821	1.11085	1.11903	1.09820	1.19441	1.17261	1.17885	1.21388	1.20762	1.21844	1.20015	1.22250	1.17095	1.22127	1.31089	
NPV-BoP	1.22138	1.24227	1.26775	1.43351	1.29961	1.24827	1.20036	1.18101	1.29615	1.22205	1.23105	1.20813	1.31397	1.28999	1.29685	1.33538	1.32850	1.34041	1.32028	1.34487	1.28816	1.34352	1.44211	
Pmt-EoP	0.19866	0.18229	0.16744	0.13841	0.15439	0.17835	0.22064	0.24815	0.15557	0.19806	0.19052	0.21173	0.15003	0.15780	0.15533	0.14496	0.14642	0.14399	0.14837	0.14319	0.15850	0.14343	0.13887	
Pmt-BoP	0.18058	0.16570	0.15220	0.12582	0.14034	0.16213	0.20057	0.22557	0.14142	0.18004	0.17319	0.19247	0.13638	0.14344	0.14119	0.13177	0.13310	0.13089	0.13487	0.13016	0.14407	0.13038	0.12623	
Year																								
1	0.27280	0.25450	0.23643	0.17136	0.21842	0.24988	0.29569	0.32248	0.22018	0.27215	0.26387	0.28660	0.21152	0.22342	0.21982	0.20233	0.20516	0.20034	0.20869	0.19862	0.22441	0.19913	0.16931	
2	0.24094	0.22794	0.21479	0.16530	0.20142	0.22460	0.25674	0.27449	0.20274	0.24048	0.23463	0.25053	0.19623	0.20516	0.20247	0.18926	0.19141	0.18774	0.19409	0.18643	0.20590	0.18682	0.16367	
3	0.21220	0.20427	0.19573	0.16014	0.18660	0.20215	0.22103	0.22961	0.18752	0.21193	0.20842	0.21768	0.18295	0.18920	0.18733	0.17797	0.17951	0.17687	0.18143	0.17591	0.18971	0.17620	0.15888	
4	0.18530	0.18216	0.17796	0.15533	0.17280	0.18118	0.18751	0.18740	0.17353	0.18521	0.18391	0.18687	0.17059	0.17433	0.17324	0.16745	0.16844	0.16674	0.16965	0.16612	0.17462	0.16631	0.15443	
5	0.16000	0.16131	0.16116	0.15075	0.15973	0.16140	0.15615	0.14827	0.15992	0.16008	0.16083	0.15799	0.15887	0.16025	0.15989	0.15747	0.15793	0.15713	0.15847	0.15682	0.16034	0.15691	0.15018	
6	0.13632	0.14164	0.14523	0.14633	0.14727	0.14271	0.12714	0.11288	0.14713	0.13653	0.13913	0.13112	0.14767	0.14685	0.14716	0.14791	0.14787	0.14778	0.14791	0.14675	0.14608			
7	0.11432	0.12316	0.13011	0.14205	0.13536	0.12510	0.10077	0.08194	0.13492	0.11466	0.11886	0.10647	0.13694	0.13406	0.13501	0.13872	0.13821	0.13905	0.13753	0.13793	0.13925	0.14211		
8	0.09414	0.10589	0.11581	0.13787	0.12398	0.10860	0.07736	0.05609	0.12325	0.09458	0.10008	0.08425	0.12666	0.12188	0.12341	0.12987	0.12893	0.13052	0.12769	0.13106	0.12145	0.13090	0.13823	
9	0.07589	0.08990	0.10234	0.13380	0.11312	0.09323	0.05716	0.03572	0.11214	0.07640	0.08288	0.06467	0.11681	0.11029	0.11234	0.12136	0.12000	0.12229	0.11825	0.12308	0.10972	0.12285	0.13445	
10	0.05971	0.07524	0.08970	0.12981	0.10278	0.07905	0.04037	0.02082	0.10156	0.06026	0.06735	0.04791	0.10738	0.09929	0.10181	0.11136	0.11142	0.11436	0.10920	0.11538	0.09859	0.11508	0.13075	
11	0.04567	0.06195	0.07793	0.12592	0.09295	0.06609	0.02701	0.01087	0.09153	0.04623	0.05356	0.03403	0.09836	0.08890	0.09182	0.10527	0.10318	0.10672	0.10053	0.10796	0.08808	0.10759	0.12713	
12	0.03381	0.05009	0.06704	0.12210	0.08364	0.05440	0.01696	0.00497	0.08205	0.03435	0.04156	0.02302	0.08977	0.07910	0.08238	0.09769	0.09528	0.09936	0.09224	0.10080	0.07820	0.10037	0.12359	
13	0.02411	0.03968	0.05704	0.11836	0.07486	0.04399	0.00987	0.00192	0.07313	0.02461	0.03135	0.01470	0.08160	0.06993	0.07349	0.09041	0.08772	0.09230	0.08434	0.09391	0.06895	0.09343	0.12012	
14	0.01647	0.03070	0.04796	0.11470	0.06662	0.03489	0.00525	0.00061	0.06477	0.01689	0.02290	0.00877	0.07385	0.06137	0.06515	0.08345	0.08050	0.08551	0.07682	0.08729	0.06034	0.08676	0.11671	
15	0.01070	0.02315	0.03979	0.11112	0.05890	0.02706	0.00251	0.00015	0.05697	0.01105	0.01613	0.00483	0.06653	0.05344	0.05737	0.07679	0.07363	0.07901	0.06969	0.08094	0.05237	0.08036	0.11337	
16	0.00656	0.01694	0.03253	0.10760	0.05173	0.02047	0.00106	0.00003	0.04975	0.00683	0.01090	0.00243	0.05964	0.04615	0.05015	0.07043	0.06709	0.07280	0.06294	0.07485	0.04506	0.07424	0.11010	
17	0.00377	0.01199	0.02618	0.10416	0.04510	0.01507	0.00038	0.00000	0.04309	0.00396	0.00702	0.00109	0.05318	0.03948	0.04351	0.06439	0.06090	0.06688	0.05659	0.06903	0.03840	0.06839	0.10689	
18	0.00200	0.00818	0.02069	0.10079	0.03901	0.01075	0.00012	0.00000	0.03701	0.02013	0.00428	0.00043	0.04715	0.03344	0.03742	0.05866	0.05505	0.06123	0.05062	0.06348	0.03238	0.06281	0.10374	
19	0.00098	0.00535	0.01604	0.09749	0.03345	0.00740	0.00003	0.00000	0.03149	0.01015	0.00246	0.00015	0.04615	0.02802	0.03189	0.05323	0.04954	0.05588	0.04505	0.05820	0.02699	0.05750	0.10066	
20	0.00043	0.00333	0.01216	0.09426	0.02842	0.00491	0.00001	0.00000	0.02653	0.00047	0.01311	0.00004	0.03637	0.02320	0.02691	0.04812	0.04438	0.05081	0.03986	0.05318	0.02223	0.05247	0.09763	
21	0.00017	0.00197	0.00901	0.02391	0.00311	0.00000	0.00000	0.002210	0.00019	0.00065	0.00001	0.03162	0.01897	0.02247	0.04331	0.03956	0.04603	0.03506	0.04842	0.01806	0.04770	0.09467		
22	0.00006	0.00110	0.00650	0.08799	0.01990	0.00188	0.00000	0.01820	0.00007	0.00029	0.00000	0.02729	0.01530	0.01854	0.03881	0.03508	0.04153	0.03065	0.04394	0.01446	0.04321	0.09177		
23	0.00002	0.00057	0.00456	0.08496	0.01637	0.00107	0.00000	0.01480	0.00002	0.00012	0.00000	0.02336	0.01215	0.01511	0.03461	0.03093	0.03731	0.02660	0.03972	0.01140	0.03899	0.08892		
24	0.00000	0.00027	0.00309	0.08200	0.01330	0.00058	0.00000	0.00000	0.01187	0.00001	0.00004	0.00000	0.01982	0.00949	0.01215	0.03071	0.02711	0.03337	0.02292	0.03575	0.00883	0.03503	0.08614	
25	0.00000	0.00012	0.00203	0.07910	0.01066	0.00029	0.00000	0.00000	0.00938	0.00000	0.00001	0.00000	0.01667	0.00728	0.00963	0.02710	0.02361	0.02971	0.01960	0.03205	0.00671	0.03134	0.08342	
26	0.00000	0.00005	0.00128	0.07628	0.00842	0.00013	0.00000	0.00000	0.00729	0.00000	0.00000	0.00000	0.01388	0.00548	0.00751	0.02042	0.02631	0.01662	0.02860	0.00500	0.02791	0.08075		
27	0.00000	0.00002	0.00077	0.07351	0.00654	0.00006	0.00000	0.00000	0.00557	0.00000	0.00000	0.00000	0.01144	0.00404	0.00576	0.02075	0.01754	0.02318	0.01396	0.02541	0.00364	0.02473	0.07815	
28	0.00000	0.00001	0.00045	0.07082	0.00500	0.00002	0.00000	0.00000	0.00417	0.00000	0.00000	0.00000	0.00932	0.00291	0.00433	0.01798	0.01495	0.02031	0.01162	0.02245	0.00259	0.02180	0.07560	
29	0.00000	0.00000	0.00024	0.06818	0.00375	0.00001	0.00000	0.00000	0.00306	0.00000	0.00000	0.00000	0.00750	0.00205	0.00320	0.01548	0.01264	0.01769	0.00958	0.01974	0.010179	0.01911	0.07311	
30	0.00000	0.00000	0.00003	0.06512	0.00276	0.00000	0.00000	0.00000	0.00220	0.00000	0.00000	0.00000	0.00596	0.00140	0.00231	0.01324	0.01060	0.01531	0.00781	0.01726	0.00121	0.01666	0.07068	
31	0.00000	0.00000	0.00006	0.06312	0.00199	0.00000	0.00000	0.00000	0.00154	0.00000	0.00000	0.00000	0.00467	0.00093	0.00163	0.01123	0.00880	0.01317	0.00629	0.01500	0.00079	0.01444	0.06831	
32	0.00000	0.00000	0.00003	0.06068	0.00140	0.00000	0.00000	0.00000	0.00106	0.00000	0.00000	0.00000	0.00360	0.00060	0.00112	0.00945	0.00724	0.00501	0.01296	0.00050	0.01243	0.06599		
33	0.00000	0.00000	0.00001	0.05831	0.00096	0.00000	0.00000																	

56	0.00000	0.00000	0.00000	0.02089	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02709	
57	0.00000	0.00000	0.00000	0.01994	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02612		
58	0.00000	0.00000	0.00000	0.01905	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02519		
59	0.00000	0.00000	0.00000	0.01820	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02431		
60	0.00000	0.00000	0.00000	0.01740	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02347		
61	0.00000	0.00000	0.00000	0.01665	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02268		
62	0.00000	0.00000	0.00000	0.01594	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02193		
63	0.00000	0.00000	0.00000	0.01527	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02123		
64	0.00000	0.00000	0.00000	0.01465	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.02056		
65	0.00000	0.00000	0.00000	0.01407	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01994		
66	0.00000	0.00000	0.00000	0.01353	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01935		
67	0.00000	0.00000	0.00000	0.01303	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01880		
68	0.00000	0.00000	0.00000	0.01256	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01829		
69	0.00000	0.00000	0.00000	0.01213	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01782		
70	0.00000	0.00000	0.00000	0.01174	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01738		
71	0.00000	0.00000	0.00000	0.01138	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01697		
72	0.00000	0.00000	0.00000	0.01105	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01660		
73	0.00000	0.00000	0.00000	0.01075	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01625		
74	0.00000	0.00000	0.00000	0.01048	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01594		
75	0.00000	0.00000	0.00000	0.01024	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01566		
76	0.00000	0.00000	0.00000	0.01002	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01541		
77	0.00000	0.00000	0.00000	0.00983	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01518		
78	0.00000	0.00000	0.00000	0.00966	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01498		
79	0.00000	0.00000	0.00000	0.00951	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01480		
80	0.00000	0.00000	0.00000	0.00939	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01465		
81	0.00000	0.00000	0.00000	0.00928	(0.00000)	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01452		
LG / IRS: MACRS																													
KCCFact	0.17139	0.15901	0.13774	0.11838	0.12714	0.15463	0.19459	0.22339	0.12438	0.17076	0.16273	0.18522	0.13741	0.14789	0.14461	0.13009	0.13226	0.12861	0.13508	0.12737	0.14881	0.12774	0.11300	0.11300	0.11300	0.11300			
NPV-EoP	1.00352	1.03197	0.99322	1.16763	1.01924	1.03063	1.00819	1.01248	0.98692	1.00337	1.00137	1.00646	1.14607	1.15139	1.14987	1.14131	1.14284	1.14020	1.14467	1.13921	1.15180	1.13951	1.11757	1.11757	1.11757	1.11757	1.11757		
NPV-BoP	1.10397	1.13527	1.09265	1.28452	1.12126	1.13380	1.10910	1.11383	1.08571	1.10381	1.10161	1.10721	1.26079	1.26665	1.26497	1.25556	1.25724	1.25433	1.25925	1.25925	1.26709	1.26709	1.26709	1.26709	1.26709	1.26709	1.26709	1.26709	1.26709
Pmt-EoP	0.17956	0.16659	0.14431	0.12402	0.13320	0.16200	0.20387	0.23403	0.13031	0.17890	0.17049	0.19405	0.14396	0.15494	0.15151	0.13629	0.13857	0.13474	0.14151	0.13344	0.15590	0.13382	0.11839	0.11839	0.11839	0.11839	0.11839		
Pmt-BoP	0.16322	0.15143	0.13118	0.11274	0.12108	0.14726	0.18532	0.21274	0.11846	0.16262	0.15498	0.17639	0.13086	0.14084	0.13772	0.12389	0.12596	0.12248	0.12864	0.12130	0.14172	0.12165	0.10761	0.10761	0.10761	0.10761	0.10761		
Year	1	0.26031	0.24467	0.22176	0.16912	0.20841	0.24177	0.28459	0.31299	0.20453	0.25963	0.25085	0.27495	0.21038	0.22299	0.21917	0.20064	0.20363	0.19852	0.20738	0.19670	0.22404	0.19724	0.16563	0.16563	0.16563	0.16563	0.16563	
2	0.22105	0.21431	0.19081	0.16080	0.18369	0.21045	0.23939	0.26607	0.17691	0.22053	0.21375	0.23218	0.19386	0.20415	0.20105	0.18584	0.18831	0.18409	0.19140	0.18258	0.20501	0.18303	0.15642	0.15642	0.15642	0.15642	0.15642		
3	0.19010	0.18779	0.16791	0.15360	0.16433	0.18494	0.20238	0.21486	0.15707	0.18973	0.18494	0.19767	0.17967	0.18786	0.18541	0.17316	0.17518	0.17173	0.17768	0.17049	0.18853	0.17086	0.14851	0.14851	0.14851	0.14851	0.14851		
4	0.16292	0.16482	0.14855	0.14699	0.14822	0.16295	0.16925	0.17363	0.14062	0.16271	0.15985																		

31	0.00000	0.00000	0.00006	0.04433	0.00182	0.00000	0.00000	0.00000	0.00142	0.00000	0.00000	0.00000	0.00415	0.00087	0.00150	0.00954	0.00759	0.01108	0.00552	0.01250	0.00074	0.01206	0.04726		
32	0.00000	0.00000	0.00003	0.04267	0.00128	0.00000	0.00000	0.00000	0.00098	0.00000	0.00000	0.00000	0.00322	0.00056	0.00103	0.00808	0.00628	0.00951	0.00442	0.01085	0.00047	0.01044	0.04569		
33	0.00000	0.00000	0.00001	0.04105	0.00089	0.00000	0.00000	0.00000	0.00065	0.00000	0.00000	0.00000	0.00246	0.00035	0.00070	0.00678	0.00514	0.00810	0.00349	0.00936	0.00029	0.00897	0.04416		
34	0.00000	0.00000	0.00000	0.03947	0.00059	0.00000	0.00000	0.00000	0.00042	0.00000	0.00000	0.00000	0.00185	0.00021	0.00045	0.00563	0.00416	0.00685	0.00272	0.00802	0.00017	0.00766	0.04266		
35	0.00000	0.00000	0.00000	0.03793	0.00039	0.00000	0.00000	0.00000	0.00026	0.00000	0.00000	0.00000	0.00136	0.00012	0.00029	0.00464	0.00333	0.00574	0.00208	0.00682	0.00009	0.00649	0.04119		
36	0.00000	0.00000	0.00000	0.03643	0.00024	0.00000	0.00000	0.00000	0.00016	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00098	0.00007	0.00018	0.00378	0.00263	0.00477	0.00157	0.00575	0.00005	0.00545	0.03977
37	0.00000	0.00000	0.00000	0.03497	0.00015	0.00000	0.00000	0.00000	0.00009	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00070	0.00004	0.00010	0.00305	0.00205	0.00393	0.00117	0.00482	0.00003	0.00454	0.03838
38	0.00000	0.00000	0.00000	0.03355	0.00009	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00048	0.00002	0.00006	0.00243	0.00158	0.00320	0.00085	0.00400	0.00001	0.00375	0.03702
39	0.00000	0.00000	0.00000	0.03217	0.00005	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00033	0.00001	0.00003	0.00191	0.00119	0.00258	0.00061	0.00329	0.00001	0.00306	0.03570
40	0.00000	(0.00000)	0.00000	0.03083	0.00003	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00021	0.00000	0.00002	0.00149	0.00089	0.00206	0.00042	0.00268	0.00000	0.00248	0.03441		
41	0.00000	(0.00000)	0.00000	0.02953	0.00001	(0.00000)	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00014	0.00000	0.00001	0.00114	0.00065	0.00163	0.00029	0.00216	0.00000	0.00199	0.03316		
42	0.00000	(0.00000)	0.00000	0.02827	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00018	0.00263	0.00477	0.00157	0.00575	0.00005	0.00545	0.03977		
43	0.00000	(0.00000)	0.00000	0.02705	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00064	0.00033	0.00097	0.00013	0.00136	0.00000	0.00123	0.03077	
44	0.00000	(0.00000)	0.00000	0.02587	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00047	0.00023	0.00074	0.00008	0.00106	0.00000	0.00095	0.02963	
45	0.00000	(0.00000)	0.00000	0.02473	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00034	0.00015	0.00055	0.00005	0.00081	0.00000	0.00073	0.02852	
46	0.00000	(0.00000)	0.00000	0.02363	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00024	0.00010	0.00041	0.00003	0.00062	0.00000	0.00055	0.02744		
47	0.00000	(0.00000)	0.00000	0.02256	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00017	0.00007	0.00029	0.00002	0.00046	0.00000	0.00040	0.02640		
48	0.00000	(0.00000)	0.00000	0.02154	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00011	0.00004	0.00021	0.00001	0.00034	0.00000	0.00030	0.02540			
49	0.00000	(0.00000)	0.00000	0.02055	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00064	0.00033	0.00097	0.00013	0.00136	0.00000	0.00123	0.03077	
50	0.00000	(0.00000)	0.00000	0.01960	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00001	0.00010	0.00000	0.00018	0.00000	0.00015	0.02349			
51	0.00000	(0.00000)	0.00000	0.01869	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00001	0.00007	0.00000	0.00012	0.00000	0.00010	0.02258			
52	0.00000	(0.00000)	0.00000	0.01782	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00004	0.00000	0.00009	0.00000	0.00007	0.02171			
53	0.00000	(0.00000)	0.00000	0.01698	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00003	0.00000	0.00006	0.00000	0.00005	0.02087			
54	0.00000	(0.00000)	0.00000	0.01618	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00002	0.00000	0.00004	0.00000	0.00003	0.02007			
55	0.00000	(0.00000)	0.00000	0.01541	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00003	0.00015	0.00001	0.00025	0.00000	0.00021	0.02443		
56	0.00000	(0.00000)	0.00000	0.01468	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00001	0.01855		
57	0.00000	(0.00000)	0.00000	0.01398	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.01784		
58	0.00000	(0.00000)	0.00000	0.01332	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01716		
59	0.00000	(0.00000)	0.00000	0.01269	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01652		
60	0.00000	(0.00000)	0.00000	0.01209	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01590		
61	0.00000	(0.00000)	0.00000	0.01152	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01531		
62	0.00000	(0.00000)	0.00000	0.01099	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01475		
63	0.00000	(0.00000)	0.00000	0.01048	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01422		
64	0.00000	(0.00000)	0.00000	0.01001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01372		
65	0.00000	(0.00000)	0.00000	0.00957	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01324		
66	0.00000	(0.00000)	0.00000	0.00915	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01280		
67	0.00000	(0.00000)	0.00000	0.00876	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.01237		
68	0.00000	(0.00000)	0.00000	0.00839	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0														

Account		USOA Category		Economic Life		Net Salvage Percent		Adjusted Projection Life		Regulatory Deprec Method		IRS Deprec Category	DefTax: TRUE				Capital Annual Charge Factors (RegDeprec/TaxDeprec)			
													SL/SL	SL/Accel	ELG/ELG	ELG/Accel	Selected KACF			
2112	Motor Vehicles			8.24	11.21%	9.28	ELG	2	0.18966	0.17221	0.18962	0.17139	0.17139							
2115	Garage Work Equipment			12.22	-10.71%	11.04	ELG	3	0.17436	0.15963	0.17400	0.15901	0.15901							
2116	Other Work Equipment			13.04	3.21%	13.47	ELG	2	0.16056	0.13861	0.15982	0.13774	0.13774							
2121	Buildings			46.93	1.87%	47.82	ELG	6	0.13387	0.11868	0.13211	0.11838	0.11838							
2122	Furniture			15.92	6.88%	17.10	ELG	3	0.14851	0.12785	0.14737	0.12714	0.12714							
2123.1	Office Support Equipment			10.78	6.91%	11.58	ELG	3	0.17071	0.15525	0.17024	0.15463	0.15463							
2123.2	Company Comm Equipment			7.40	3.76%	7.69	ELG	2	0.21026	0.19539	0.21060	0.19459	0.19459							
2124	Computers			6.12	3.73%	6.36	ELG	2	0.23610	0.22414	0.23686	0.22339	0.22339							
2212	Digital Switching			16.17	2.97%	16.66	ELG	2	0.14959	0.12527	0.14849	0.12438	0.12438							
2220	Operator Systems			9.41	-0.82%	9.33	ELG	2	0.18911	0.17158	0.18905	0.17076	0.17076							
2232.2	Digital Circuit Equipment			10.24	-1.69%	10.07	ELG	2	0.18204	0.16357	0.18185	0.16273	0.16273							
2351	Public Telephone			7.60	7.97%	8.26	ELG	2	0.20190	0.18602	0.20210	0.18522	0.18522							
	NID, SAI, Drop					19.00	ELG	5	0.14451	0.13743	0.14321	0.13741	0.13741							
2411	Poles			30.25	-89.98%	15.92	ELG	5	0.15164	0.14783	0.15062	0.14789	0.14789							
2421-m	Aerial Cable - Metallic			20.61	-23.03%	16.75	ELG	5	0.14937	0.14457	0.14826	0.14461	0.14461							
2421-nm	Aerial Cable - Non-Metallic			26.14	-17.53%	22.24	ELG	5	0.13989	0.13018	0.13836	0.13009	0.13009							
2422-m	Underground - Metallic			25.00	-18.26%	21.14	ELG	5	0.14122	0.13233	0.13976	0.13226	0.13226							
2422-nm	Underground - Non-Metallic			26.45	-14.58%	23.08	ELG	5	0.13902	0.12872	0.13744	0.12861	0.12861							
2423-m	Buried - Metallic			21.57	-8.39%	19.90	ELG	5	0.14299	0.13512	0.14162	0.13508	0.13508							
2423-nm	Buried - Non-Metallic			25.91	-8.58%	23.86	ELG	5	0.13830	0.12749	0.13668	0.12737	0.12737							
2426-m	Intrabuilding - Metallic			18.18	-15.74%	15.71	ELG	5	0.15229	0.14873	0.15128	0.14881	0.14881							
2426-nm	Intrabuilding - Non-Metallic			26.11	-10.52%	23.62	ELG	5	0.13851	0.12785	0.13690	0.12774	0.12774							
2441	Conduit Systems			56.19	-10.34%	50.92	ELG	5	0.13411	0.11360	0.13255	0.11300	0.11300							

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